CLAIMS:

1. An isolation mechanism for a boomed apparatus, wherein the boomed apparatus includes a movable boom and a control assembly, the isolation mechanism comprising:

a control handle which is actuatable by a worker to provide a control input; and

a linkage including a substantially electrically non-conductive material and operable to couple the control handle with the control assembly so as to communicate the control input therebetween, thereby substantially electrically isolating the control handle from the control assembly and the movable boom.

2. The isolation mechanism as set forth in claim 1, wherein the substantially electrically non-conductive material is selected from the group consisting of: plastic, fiberglass, nylon, rubber, carbon fiber.

3. A boomed apparatus comprising:

a movable boom having a distal end including one or more electrically conductive components;

a work station coupled with the distal end of the boom and operable to hold a worker;

a control handle located near the work station for allowing the worker to provide a control input for moving the boom;

a control assembly operable to communicate the control input down the boom; and

a linkage including a substantially electrically non-conductive material operable to couple the control handle with the control assembly and to communicate the control input from the control handle to the control assembly, thereby substantially electrically isolating the control handle from the one or more electrically conductive components of the boom and from the control assembly.

4. The boomed apparatus as set forth in claim 3, wherein the substantially electrically non-conductive material is selected from the group consisting of: plastic, fiberglass, nylon, rubber, carbon fiber.

5. An isolation mechanism for electrically isolating a control input mechanism for providing a control input to control a boomed apparatus, wherein the boomed apparatus includes a movable boom and a control assembly operable to communicate the control input through the boom for implementation, the isolation mechanism comprising:

a boom extension including a substantially electrically non-conductive material and having a first end and a second end, with the first end being associated with the control input mechanism, the second end being coupled with the boom, and the control assembly running through boom extension, thereby substantially electrically isolating the control input mechanism from the boom.

6. The isolation mechanism as set forth in claim 5, wherein the substantially electrically non-conductive material is selected from the group consisting of: plastic, fiberglass, nylon, rubber, carbon fiber.

7. A boomed apparatus comprising:

a movable boom having a distal end including one or more electrically conductive components;

a work station operable to hold a worker;

a boom extension including a substantially electrically non-conductive material and having a first end and a second end, with the first end being coupled with the work station and the second end being coupled with the distal end of the boom; and

a control input mechanism operable to allow the worker to provide a control input for moving the boom, with the control input mechanism being located near the work station and the first end of the boom extension, thereby substantially electrically isolating the control input mechanism from the boom.

8. The boomed apparatus as set forth in claim 7, further including a control assembly operable to receive the control input from the control input mechanism and to communicate the control input through the boom, wherein at least a portion of the control assembly extends through the boom extension.

9. The boomed apparatus as set forth in claim 7, wherein the substantially electrically non-conductive material is selected from the group consisting of: plastic, fiberglass, nylon, rubber, carbon fiber.

10. An isolation mechanism for a boomed apparatus, wherein the boomed apparatus includes a movable boom and a control assembly, the isolation mechanism comprising:

a control handle which is actuatable by a worker to provide a control input;

a linkage including a substantially electrically non-conductive material and operable to couple the control handle with the control assembly so as to communicate the control input therebetween, thereby substantially electrically isolating the control handle from the control assembly and the boom; and

a boom extension including a substantially electrically non-conductive material and having a first end and a second end, with the first end being associated with the control input mechanism, the second end being coupled with the boom, and the control assembly running through the boom extension, thereby further substantially electrically isolating the control input mechanism from the boom.

11. The isolation mechanism as set forth in claim 10, wherein the substantially electrically non-conductive material is selected from the group consisting of: plastic, fiberglass, nylon, rubber, carbon fiber.

12. A boomed apparatus comprising:

a movable boom having a distal end including one or more electrically conductive components;

a work station operable to hold a worker;

a boom extension including a substantially electrically non-conductive material and having a first end and a second end, with the first end being coupled with the work station and the second end being coupled with the distal end of the boom;

a control handle operable to allow the worker to provide a control input for moving the boom, with the control handle being located near the work station and the first end of the boom extension such that the boom extension substantially electrically isolates the control handle from the electrically conductive components of the boom;

a control assembly operable to communicate the control input down the boom; and

a linkage including an electrically non-conductive material operable to couple the control handle with the control assembly and to communicate the control input from the control handle to the control assembly, wherein the linkage substantially electrically isolates the control handle from the one or more electrically conductive components of the boom and from the control assembly.

13. The boomed apparatus as set forth in claim 12, wherein the substantially electrically non-conductive material is selected from the group consisting of: plastic, fiberglass, nylon, rubber, carbon fiber.